

This listing of claims will replace all prior versions, or listings, of claims for this application:

The Status of the Claims:

1. (Currently amended) A modular sectional door panel apparatus, comprising:
a first door panel comprising:
 - a first sub-panel member comprising a first material;
 - a first interlocking member disposed on the first sub-panel member, wherein the first sub-panel member and the first interlocking member comprise a first unitary piece;
 - a second sub-panel member comprising a second material; and
 - a second interlocking member disposed on the second sub-panel member, wherein the second sub-panel member and the second interlocking member comprise a second unitary piece, and wherein the first interlocking member and the second interlocking member interlock with each other to prevent rotation of the first sub-panel member relative to the second sub-panel member ~~help restrain the first panel member and the second panel member in a substantially coplanar relationship, thereby creating a first door panel. ; and~~
a second door panel pivotally connected to the first door panel.
2. (Canceled).
3. (Currently amended) The modular sectional door panel apparatus of claim 1, wherein the first material is distinguishable from the second material by a material property of the first material and the second material.
4. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is toughness.
5. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is flexibility.

6. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is tensile strength.

7. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is hardness.

8. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is wear resistance.

9. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is the ability to transmit light.

10. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is color.

11. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is ultraviolet light tolerance.

12. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is surface finish.

13. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is water resistance.

14. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is range of temperature tolerance.

15. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is thermal conductivity.

16. (Currently amended) The modular sectional door panel apparatus of claim 3, wherein the material property is bonding ability.

17. (Currently amended) The modular sectional door panel apparatus of claim 1, wherein the first panel member is non-homogeneous regarding a material property of the first material.

18. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is toughness.

19. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is flexibility.

20. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is tensile strength.

21. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is hardness.

22. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is wear resistance.

23. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is the ability to transmit light.

24. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is color.

25. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is ultraviolet light tolerance.

26. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is surface finish.

27. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is water resistance.

28. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is range of temperature tolerance.

29. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is thermal conductivity.

30. (Currently amended) The modular sectional door panel apparatus of claim 17, wherein the material property is bonding ability.

31. (Currently amended) The modular sectional door apparatus of claim 1, wherein the second door panel comprises further comprising:

a third sub-panel member;

a third interlocking member disposed on the third sub-panel member, wherein the third sub-panel member and the third interlocking member comprise a third unitary piece;

a fourth sub-panel member; and

a fourth interlocking member disposed on the fourth sub-panel member, wherein the fourth sub-panel member and the fourth interlocking member comprise a fourth unitary piece, and wherein the third interlocking member and the fourth interlocking member interlock with each other to prevent rotation of the third sub-panel member relative to the fourth sub-panel member. ~~help restrain the third panel member and the fourth panel member in a substantially coplanar relationship thereby creating a second door panel, wherein the second door panel is pivotally connected to the first door panel.~~

32. (Currently amended) A method of producing a modular sectional door panel, comprising:

determining a desired characteristic of the a first door panel;
producing a first plurality of modular sub-panel members;
producing a second plurality of modular sub-panel members that are interchangeable with the first plurality of modular sub-panel members, wherein the first plurality of modular sub-panel members are distinguishable from the second plurality of modular sub-panel members by a material property of the first plurality of sub-panel members and the second plurality of sub-panel members;
based on the desired characteristic of the first door panel, selecting a first sub-panel member from the first plurality of sub-panel members;
based on the desired characteristic of the first door panel, selecting a second sub-panel member from the second plurality of sub-panel members; and
connecting the first sub-panel member to the second sub-panel member to form the first door panel, such that the first sub-panel member and the second sub-panel member are constrained against rotation relative to each other; and
connecting the first door panel to a second door panel, such that the first door panel may rotate relative to the second door panel.

33. (Currently amended) The method of claim 32, wherein the first plurality of modular sub-panel members and the second plurality of modular sub-panel members are hollow.

34. (Currently amended) The method of claim 32, wherein the first sub-panel member includes a screen.

35. (Previously presented) The method of claim 32, wherein the material property is toughness.

36. (Previously presented) The method of claim 32, wherein the material property is flexibility.

37. (Previously presented) The method of claim 32, wherein the material property is tensile strength.

38. (Previously presented) The method of claim 32, wherein the material property is hardness.

39. (Previously presented) The method of claim 32, wherein the material property is wear resistance.

40. (Previously presented) The method of claim 32, wherein the material property is the ability to transmit light.

41. (Previously presented) The method of claim 32, wherein the material property is color.

42. (Previously presented) The method of claim 32, wherein the material property is ultraviolet light tolerance.

43. (Previously presented) The method of claim 32, wherein the material property is surface finish.

44. (Previously presented) The method of claim 32, wherein the material property is water resistance.

45. (Previously presented) The method of claim 32, wherein the material property is range of temperature tolerance.

46. (Previously presented) The method of claim 32, wherein the material property is thermal conductivity.

47. (Previously presented) The method of claim 32, wherein the material property is bonding ability.

48. (Currently amended) The method of claim 32, wherein the step of producing the first plurality of modular sub-panel members involves extruding the first plurality of modular sub-panel members.

49. (Currently amended) The method of claim 48, wherein the step of producing the second plurality of modular sub-panel members involves extruding the second plurality of modular sub-panel members.

50. (Currently amended) A modular sectional door panel apparatus, comprising:
a first door panel comprising:

a first sub-panel member consisting of a first material;
a second sub-panel member consisting of a second material, wherein the first material is distinguishable from the second material by a material property of the first material and the second material; and

a connector interposed between the first panel member and the second panel member to prevent pivotal movement of the first sub-panel member relative to the second sub-panel member; and help restrain the first panel member and the second panel member in a substantially coplanar relationship to create a first door panel or a section thereof.

a second door panel hingedly connected to the first door panel.

51. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is toughness.

52. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is flexibility.

53. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is tensile strength.

54. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is hardness.

55. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is wear resistance.

56. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is the ability to transmit light.

57. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is color.

58. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is ultraviolet light tolerance.

59. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is surface finish.

60. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is water resistance.

61. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is range of temperature tolerance.

62. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is thermal conductivity.

63. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the material property is bonding ability.

64. (Currently amended) The modular sectional door panel apparatus of claim 50, wherein the first panel member is non-homogeneous regarding a material property of the first material.

65. (New) A method of producing a modular sectional door, comprising:
producing a first modular sub-panel member;
producing a second modular sub-panel member;
connecting the first sub-panel member to the second sub-panel member to form a first door panel, such that the first sub-panel member and the second sub-panel member are constrained against rotation relative to each other; and
connecting the first door panel to a second door panel, such that the first door panel may rotate relative to the second door panel.